

## EAST Search History

| Ref # | Hits | Search Query      | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|-------------------|---|------------------|---------|------------------|
| L1    | 2435 | (455/456.1).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/24 08:11 |
| L2    | 449  | (455/456.2).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/24 08:11 |
| L3    | 602  | (455/456.3).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/24 08:11 |
| L4    | 120  | (455/456.4).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/24 08:11 |
| L5    | 528  | (455/456.5).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/24 08:11 |
| L6    | 451  | (455/456.6).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/24 08:11 |
| L7    | 455  | (455/404.2).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/24 08:11 |
| L8    | 2678 | (455/436).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/24 08:11 |
| L9    | 309  | (455/438).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/24 08:11 |

## EAST Search History

|     |       |   |  |    |     |                  |
|-----|-------|---|--|----|-----|------------------|
| L10 | 362   | (455/440).CCLS.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2006/08/24 08:11 |
| L11 | 1498  | (370/331).CCLS.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2006/08/24 08:11 |
| L12 | 2926  | (370/338).CCLS.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2006/08/24 08:11 |
| L13 | 4825  | (370/352).CCLS.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2006/08/24 08:11 |
| L14 | 1278  | (455/423).CCLS.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2006/08/24 08:11 |
| L15 | 2116  | (455/67.11).CCLS.                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2006/08/24 09:23 |
| L16 | 8826  | L1 L2 L3 L4 L5 L6 L7 L8 L9 L10<br>L11 L12 L13 L14 L15 | US-PGPUB   | OR | ON  | 2006/08/24 09:22 |
| L17 | 4949  | drop\$4 near2 call                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/24 08:11 |
| L18 | 18999 | (reverse adj2 channel) or (RTCH)<br>or (RCH)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/24 08:11 |

## EAST Search History

|     |         |   |  |    |    |                  |
|-----|---------|---|--|----|----|------------------|
| L19 | 15222   | (bad or error) near2 frame  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L20 | 2626    | L19 with (duration or period or time or tim\$4 or interval)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L21 | 388     | L17 and L18   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L22 | 388     | L21 and L21   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:12 |
| L23 | 543665  | (wireless or mobile or cellular) with (telecommunication or communication or system or network)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L24 | 382     | L22 and L23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L25 | 6910163 | (base or station or cell or site or picocell or microcell or macrocell or ((macro or micro) adj2 cell)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |

## EAST Search History

|     |          |  |  |    |    |                  |
|-----|----------|--|--|----|----|------------------|
| L26 | 12658060 | (base or station or cell or site or picocell or microcell or macrocell or ((macro or micro) adj2 cell) or (BS) or (BTS)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L27 | 113742   | (drop\$4 near3 call) or (service or event or loss) near3 (loss or call)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:13 |
| L28 | 28661    | L26 same L27   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L29 | 320      | L24 and L28  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L30 | 16606    | L27 same (location or position)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:22 |
| L31 | 67       | L29 and L30  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L32 | 18801    | (bad or error or good) near2 frame   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |

## EAST Search History

|     |         |   |  |    |    |                  |
|-----|---------|---|--|----|----|------------------|
| L33 | 129042  | frame near2 (duration or period or time or tim\$4 or interval)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L34 | 17      | L31 and L33   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L35 | 17      | L33 and L34   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L36 | 521     | L26 with (L27 near5 determin\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L37 | 807     | (determin\$4 or report\$3 or measur\$3 or calculat\$3) with (location or position) with ((drop\$4 near3 call) or (service or event or loss) near3 (loss or call)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 09:22 |
| L38 | 60      | L36 and L37   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:11 |
| L39 | 1063370 | L20 L21 L22 L23 L24 L25 L26 L27 L28 L29 L30 L31 L32 L33 L34 L35 L36 L37 L38   | US-PGPUB   | OR | ON | 2006/08/24 08:11 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| L40 | 114357 | (drop\$4 near3 call) or ((service or event or loss) near3 (loss or call)) or ((handoff or handover) near2 (fail\$4 or condition))   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/24 08:22 |
| L41 | 40716  | ((base or station or cell or site or picocell or microcell or macrocell or ((macro or micro) adj2 cell)) near5 determin\$3) with (location or position)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/24 08:25 |
| L42 | 40851  | ((base or station or cell or site or picocell or microcell or macrocell or ((macro or micro) adj2 cell)) near5 determin\$4) with (location or position)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/24 08:36 |
| L43 | 189    | 40 same 41  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/24 08:35 |
| L44 | 168800 | 40 nad 41   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/24 08:42 |
| L45 | 11366  | ((base or station or cell or site or picocell or microcell or macrocell or ((macro or micro) adj2 cell)) adj2 determin\$4) with (location or position)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/24 08:39 |
| L46 | 111429 | ((base or station or cell or site or picocell or microcell or macrocell or ((macro or micro) adj2 cell)) adj2 determin\$4) with (drop\$4 near3 call) or ((service or event or loss) near3 (loss or call)) or ((handoff or handover) near2 (fail\$4 or condition)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/24 09:15 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| L47 | 111429 | 44 and 46   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:42 |
| L48 | 548444 | ((location or position) adj2<br>determin\$4) or (PD\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:42 |
| L49 | 14925  | 47 and 48   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:43 |
| L50 | 2306   | 40 and 41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:42 |
| L51 | 2149   | 50 and 46   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:42 |
| L52 | 1106   | 51 and 48   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:43 |
| L53 | 169    | 52 and 16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 08:54 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| L54 | 169    | 53 and 40  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 09:00 |
| L55 | 111411 | ((base adj station) or (BS\$1) or cell or site or picocell or microcell or macrocell or ((macro or micro) adj2 cell)) adj5 determin\$4) adj3 (drop\$4 near3 call) or ((service or event or loss) near3 (loss or call)) or ((handoff or handover) near2 (fail\$4 or condition)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 09:16 |
| L56 | 386    | 37 and 48  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 09:22 |
| L57 | 384    | 55 and 56  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 09:22 |
| L58 | 17575  | L1 L2 L3 L4 L5 L6 L7 L8 L9 L10<br>L11 L12 L13 L14 L15  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 09:22 |
| L59 | 49     | 57 and 58  | US-PGPUB   | OR | ON | 2006/08/24 09:23 |
| L60 | 97     | 57 and 58  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 09:24 |
| L61 | 2      | "20020127993"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 09:24 |

## EAST Search History

|     |      |                    |  |    |     |                  |
|-----|------|--------------------|--|----|-----|------------------|
| S1  | 176  | afshar.xa.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/22 10:23 |
| S2  | 4942 | drop\$4 near2 call | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/22 12:13 |
| S3  | 10   | S1 and S2          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/22 10:29 |
| S4  | 2    | ("6459695").PN.    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2006/08/22 10:30 |
| S5  | 1    | "20020090947"      | US-PGPUB   | OR | ON  | 2006/08/22 10:30 |
| S6  | 1    | "20020042260"      | US-PGPUB   | OR | ON  | 2006/08/22 10:46 |
| S7  | 2    | ("6343216").PN.    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2006/08/22 10:46 |
| S8  | 1    | "20040203855"      | US-PGPUB   | OR | ON  | 2006/08/22 10:46 |
| S9  | 1    | "20020068586"      | US-PGPUB   | OR | ON  | 2006/08/22 10:47 |
| S10 | 8    | S4 S5 S6 S7 S8 S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/22 10:47 |
| S11 | 7    | S10 and S2         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/22 12:06 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S12 | 18982  | (reverse adj2 channel) or (RTCH) or (RCH)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/22 12:07 |
| S13 | 15197  | (bad or error) near2 frame  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/22 12:36 |
| S14 | 2622   | S13 with (duration or period or time or tim\$4 or interval)                                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/22 12:39 |
| S15 | 387    | S2 and S12  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/22 12:09 |
| S16 | 387    | S15 and S15   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/22 12:09 |
| S17 | 542737 | (wireless or mobile or cellular) with (telecommunication or communication or system or network) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/22 12:10 |
| S18 | 381    | S16 and S17   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/22 12:10 |

## EAST Search History

|     |          |  |  |    |    |                  |
|-----|----------|--|--|----|----|------------------|
| S19 | 6906263  | (base or station or cell or site or picocell or microcell or macrocell or ((macro or micro) adj2 cell))                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:17 |
| S20 | 12652064 | (base or station or cell or site or picocell or microcell or macrocell or ((macro or micro) adj2 cell) or (BS) or (BTS)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:18 |
| S21 | 113573   | (drop\$4 near3 call) or (service or event or loss) near3 (loss or call)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:54 |
| S22 | 28614    | S20 same S21   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:52 |
| S23 | 319      | S18 and S22  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:20 |
| S24 | 16588    | S21 same (location or position)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:20 |
| S25 | 67       | S23 and S24  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:21 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| S26 | 18773  | (bad or error or good) near2 frame   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:36 |
| S27 | 128835 | frame near2 (duration or period or time or tim\$4 or interval)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:39 |
| S28 | 17     | S25 and S27  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:39 |
| S29 | 17     | S27 and S28  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:40 |
| S30 | 521    | S20 with (S21 near5 determin\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:54 |
| S31 | 805    | (determin\$4 or report\$3 or measur\$3 or callculat\$3) with (location or position) with ((drop\$4 near3 call) or (service or event or loss) near3 (loss or call)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 12:55 |
| S32 | 60     | S30 and S31  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 13:01 |

## EAST Search History

|     |      |                   |   |    |     |                  |
|-----|------|-------------------|---|----|-----|------------------|
| S33 | 2428 | (455/456.1).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:01 |
| S34 | 449  | (455/456.2).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:01 |
| S35 | 601  | (455/456.3).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:01 |
| S36 | 120  | (455/456.4).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:02 |
| S37 | 528  | (455/456.5).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:02 |
| S38 | 450  | (455/456.6).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:02 |
| S39 | 455  | (455/404.2).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:02 |
| S40 | 2672 | (455/436).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:02 |
| S41 | 309  | (455/438).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:02 |
| S42 | 362  | (455/440).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:03 |

## EAST Search History

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| S43 | 1491    | (370/331).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:03 |
| S44 | 2914    | (370/338).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:03 |
| S45 | 4809    | (370/352).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:03 |
| S46 | 1278    | (455/423).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:03 |
| S47 | 2116    | (455/67.11).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22 13:03 |
| S48 | 8783    | S33 S34 S35 S36 S37 S38 S39 S40<br>S41 S42 S43 S44 S45 S46 S47                    | US-PGPUB  | OR | ON  | 2006/08/22 13:04 |
| S49 | 1057374 | S14 S15 S16 S17 S18 S19 S20 S21<br>S22 S23 S24 S25 S26 S27 S28 S29<br>S30 S31 S32 | US-PGPUB  | OR | ON  | 2006/08/22 13:04 |